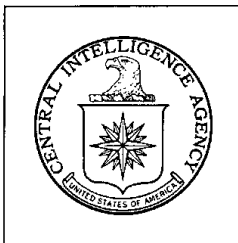


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DIRECTORATE OF
INTELLIGENCE

Imagery Analysis Report

Base Plot and Facility Expansion Study
Shipyard 112, Gorkiy, USSR

Declass Review
by NIMA/DOD

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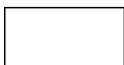
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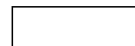
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BASE PLOT AND FACILITY EXPANSION STUDY SHIPYARD 112, GORKIY, USSR

SUMMARY

This study reveals that Gorkiy Shipyard 112, one of the most important shipyards in the USSR, has undergone an extensive expansion of its facilities since World War II. Of particular significance, is the rate and magnitude of new construction since 1963, reflecting the assignment of an even greater national importance and priority to this yard.

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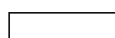


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CONTENTS

	<u>Page</u>
Summary	1
Introduction	3
References	3

ILLUSTRATIONS

Figure 1. Location Map	3
Figure 2. 1942 Photograph of Shipyard 112 Complex	4
Figure 3. 1963 Photograph of Shipyard 112 Complex	4
Figure 4. 1966 Photograph of Shipyard 112 Complex	5
Figure 5. Rectified Base Plot and Chronological Facility Study of Shipyard 112 Complex	6



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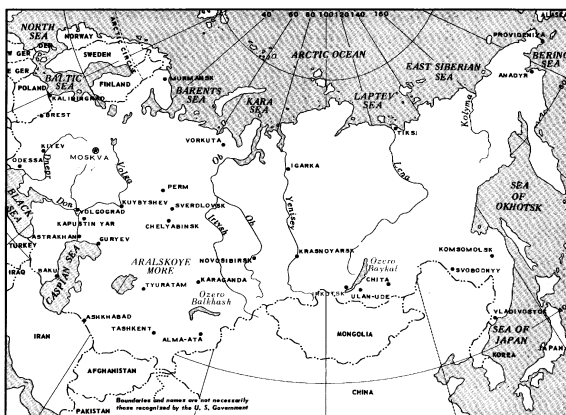


FIGURE 1

INTRODUCTION

Gorkiy Shipyard 112 is located at the north edge of the city of Gorkiy on the west bank of the Volga River. The yard is currently engaged in the construction of submarines, hydrofoils, hovercraft, and small surface ships.

The purpose of this report is to provide a rectified base plot of the shipyard complex and a chronological study of facility expansion. Comparative aerial/satellite coverage of 1942 (Figure 2), 1963 (Figure 3), and 1966 (Figure 4) provides the primary photo data base from which this chronological study is compiled. The results of this study are shown in the form of color coded buildings and facilities on the rectified base plot (Figure 6). The facilities that were present or under construction in 1942 are shown in gray, those that were complete in 1963 are shown in green, and those that were either completed since 1963 or are presently under construction are shown in red. The rectified base plot (Figure 6) was compiled using only [] photography obtained in 1966.

All measurements have been made by the NPIC Technical Intelligence Division and are considered to be accurate within [] for measurements of from one to ten feet and \pm five feet or three percent whichever is greater for other measurements.

REFERENCES

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FIGURE 2



FIGURE 3

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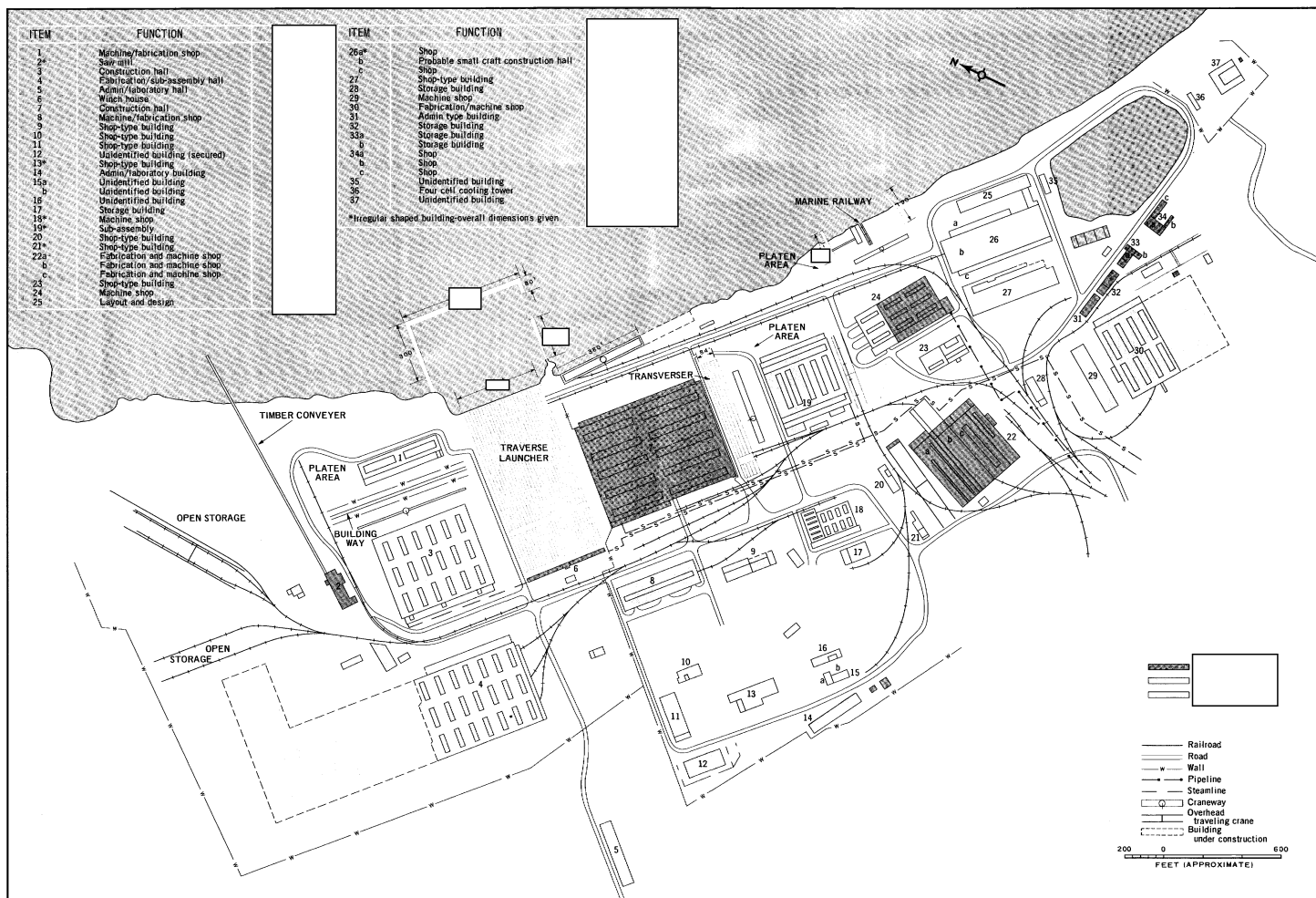


FIGURE 5. RECTIFIED BASE PLOT AND CHRONOLOGICAL FACILITY STUDY

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